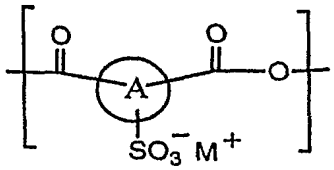
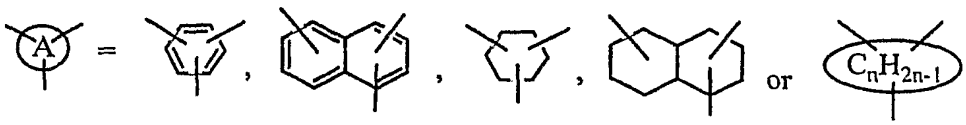
Claims

1. Parison or rigid container made from at least a polyester resin comprising at least 85 Mol.-% of polyethylene terephthalate and at least 0.01 Mol.-% but not more than 5.00 Mol.-% of units of the formula (I)


(I)

wherein



wherein n is an integer from 3 to 10 and

wherein

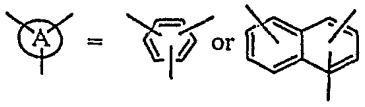
M^+ is an alkali metal ion, earth alkali metal ion, phosphonium ion or ammonium ion and

wherein the polyester contains < 5.0 wt.-%, of diethylene glycol and

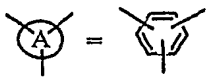
wherein the polyester contains Na_2HPO_4 in an amount such that the phosphor content is 10 to 200 ppm (based on the weight of the polyester) and wherein the polyester is either free of or does not contain more than 9 ppm of NaH_2PO_4, and

wherein the intrinsic viscosity is 0.6 to 1.0.

2. Parison or container according to claim 1, wherein



3. Parison or container according to claim 1 , wherein



4. Parison or container according to claim 2 or 3, wherein the attachments to the phenyl ring are in 1-, 3- and 5-position and the attachment to the naphthyl ring are in 2-, 4- and 6-position.

5. Parison or container according to one of claims 1 to 4, wherein M^+ is Li^+, Na^+ or K^+.

6. Parison or container according to one of claims 1 to 5, wherein the Na_2HPO_4 (disodium monohydrogenphosphate) is in the form of the dodeca-hydrate ($\bullet 12\ H_2O$).

7. Parison or container according to one of claims 1 to 6, wherein the polyester resin further comprises <10 Mol.-% of modifying agents.

8. Parison or container according to one of claims 1 to 7, wherein the NSR of the polyester resin is <10.

9. Parison or container according to one of claims 1 to 8, wherein the half time of crystallization of the polyester resin is > 150 sec at 200°C.

10. Container according to one of claims 1 to 9, and having a longitudinal stretch ratio (SR_L) less than 4, and/or a hoop stretch ratio (SR_H) less than 3, and/or a planar stretch ratio (SR) less than 12, and preferably less than 10.

11. Container according to one of claims 1 to 10, and having a fill volume less or equal to 1l, especially less or equal to 0.6l, and more especially less or equal to 0.5l.

12. Process of making a container by biaxially stretching in a mold a parison according to one of claims 1 to 9.

13. Process according to claim 12 wherein the parison is being biaxially stretched with a longitudinal stretch ratio (SR_L) less than 4, and/or with a hoop stretch ratio (SR_H) less than 3, and/or with a planar stretch ratio (SR) less than 12, and preferably less than 10.

14. Process according to claim 12 or 13 wherein the parison is being biaxially stretched so as to form a small volume container having a fill volume less or equal to 1l, especially less or equal to 0.6l, and more especially less or equal to 0.5l.